

## A New Species of *Mipseltyrus* from California

(Coleoptera: Pselaphidae)

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An undescribed species of *Mipseltyrus* has been collected at the interface between the Coast Range Mountains and the Central Valley of California. The new species was found at about 40 meters elevation in a relatively xeric habitat for the genus, digger pine litter. The two other California species have been collected in the Sierra Nevada Mountains between 300 to 600 meters elevation in oak-madrone-maple and douglas fir litter.

The species description follows the format of Schuster (1956). All measurements are in millimeters. I would like to thank Christine A. Janus-Chandler for reading the manuscript.

### *Mipseltyrus levini*, new species

General description: length 1.71-2.05. Rufotestaceus. Head smooth anterior to eyes; eyes each consisting of a single facet; antennae sparsely punctulate, antennal club consisting of antennomeres X and XI. Pronotum and elytra smooth, surface feebly pustulate at setal bases. Metawings absent. First three tergites margined, all tergites and sternites smooth. Femora and tibiae entirely granulate.

Holotype male: head 0.43 long, 0.28 wide across eyes; pronotum 0.38 long; elytron 0.54 long, 0.42 wide at apex; total length 1.71. Maxillary palpus with second segment 0.24 long, third 0.13 long, fourth 0.26 long. Median tergite lengths: I 0.46, II 0.19, III 0.15, IV 0.10, V 0.16. Median sternite lengths: I 0.10, II 0.46, III 0.09, IV 0.08, V 0.07, VI 0.10, sternite VI with glabrous impression at center, small median emargination at apex. Antennae and trochanters without sexual modifications. Genitalia 0.24 long (Fig. 1).

Female: Sternite VI convex, evenly rounded at apex.

Holotype male: California, Solano County, Lake Solano, XII-6-1970, D. P. Levin, R. F. Lagier,

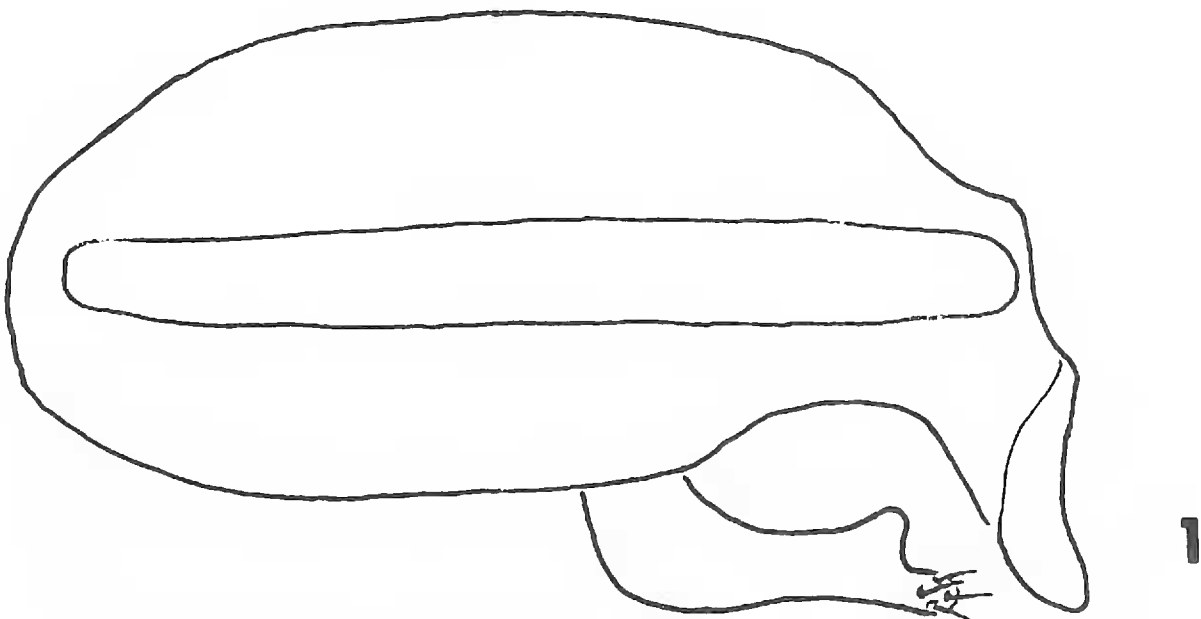


Figure 1. Left lateral view of male genitalia.

D. S. Chandler, berlese pine litter. PARATYPES: 1 male, 2 females, eutopotypical. 2 males, 1 female, same locality, XII-13-1977. D.S. Chandler, sifting digger pine litter. The holotype is slide mounted in Piccolyte and will be deposited at the University of California, Davis. A paratype male will be placed in the Field Museum of Natural History, Chicago.

This species is named for David P. Levin, a friend and colleague who helped organize many collecting trips in the Southwest United States.

The new species is most similar to *M. mirus* Schuster by the granulate femora, the appearance of the fifth and sixth sternites and the simple antennae. *M. mirus* differs in having the head anterior to the eyes reticulate and by the shape of the genitalia.

### Literature Cited

- Schuster, R.O. 1956. Two new species of *Mipseltyrus* from California (Coleoptera: Pselaphidae). Pan-Pacific Entomol. 32:83-86.

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### SCIENTIFIC NOTE

**New records for pseudoscorpions from the Sierra Nevada** — Three specimens of the pseudoscorpion *Pseudogarypus bicornis* (Bank) were collected in pitfall traps placed in a lodgepole pine (*Pinus contorta* Dougl.) forest in the Harvey Monroe Hall Natural Area in Inyo National Forest, California.

A tritonymph collected 14-28 August 1973 and a mature female collected 11-25 September 1973 at 3170 m establish an altitude record in North America for this species previously reported by Hoff (1961, Bull. Amer. Mus. Nat. Hist. 122(5):443-4), from 3048 m in talus 4 miles (10.1 km) NE of Gothic, Colorado. Another specimen, a mature male, was trapped 28 August to 11 September 1973 at 3048 m in the same locality.

Both stations at which *P. bicornis* were trapped were hygric sites, in contrast to the xeric and mesic stations at which no pseudoscorpions were trapped. The 3170 m station was located immediately adjacent to Cabin Creek, with the traps placed among dense clumps of red heather, *Phyllodoce Breweri* (Gray) Heller.

The female and tritonymph of *Pseudogarypus bicornis* (Banks) are deposited in the collections of the California Academy of Sciences, San Francisco, while the male is in the collection of Vincent F. Lee. Mr. Lee identified the species and also provided the reference to the earlier record. — Richard P. Papp, *Bernice P. Bishop Museum, P.O. Box 6037, Honolulu, Hawaii 96818.*